ABSTRACT OF THE DISCLOSURE

A tuned RF coaxial connector for mating a coaxial transmission line includes a cylindrical outer conductor, a coupling mechanism for mating the coaxial transmission line to the substantially cylindrical outer conductor, and an inner conductor extending coaxially within cylindrical outer conductor. One end of the cylindrical outer conductor interfits with the coaxial transmission line and another end of the cylindrical outer conductor interfits with an electrical device. The connector has an open circuit inner stub where the inner conductor of the transmission line couples to the inner conductor of the connector, or an open circuit outer stub where the outer conductor of the transmission line couples to the outer body of the connector, or both. Without the need for precise fitting of the conductors of the coaxial transmission line and the connector, the invention facilitates field installation of cables and connectors while reducing implementation cost.